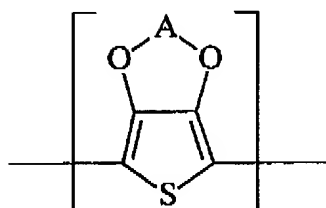


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5. (Amended) A xerographic fuser component as claimed in claim 27, wherein said thiophene-based material has the following formula I:



wherein A is an optionally substituted C<sub>1</sub>-C<sub>4</sub> alkylene radical.

6. (Amended) A xerographic fuser component as claimed in claim 5, wherein said optionally substituted C<sub>1</sub>-C<sub>4</sub> alkylene radical is selected from the group consisting of a methylene radical, alkyl-substituted methylene radical, 1,2-ethylene radical, 1,2-ethylene radical substituted by C<sub>1</sub>-C<sub>12</sub>-alkyl, 1,2-ethylene radical substituted by phenyl, and a 1,2-cyclohexylene radical.

7. (Amended) A xerographic fuser component as claimed in claim 6, wherein said thiophene-based material is a polyethylene dioxothiophene.

8. (Amended) A xerographic fuser component as claimed in claim 7, wherein said thiophene-based material is 3,4 polyethylenedioxythiophene.

9. (Amended) A xerographic fuser component as claimed in claim 27, wherein said fuser component further comprises an intermediate layer positioned between said substrate and said thiophene-based material coating.

10. (Amended) A xerographic fuser component as claimed in claim 9, wherein said intermediate layer comprises a polymer.

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11. (Amended) A xerographic fuser component as claimed in claim 10, wherein said polymer is selected from the group consisting of fluoropolymers, chloropolymers, silicone rubbers, polyimides, polyamides, polypropylenes, polyethylenes, polybutylenes, polyarylenes, acrylonitriles, polycarbonates, polysulfones, ethylene diene propene monomer, nitrile rubbers and mixtures thereof.

12. (Amended) A xerographic fuser component as claimed in claim 27, wherein said fuser component further comprises an outer coating on said thiophene-based material coating.

13. (Amended) A xerographic fuser component as claimed in claim 12, wherein said outer coating comprises a polymer.

14. (Amended) A xerographic fuser component as claimed in claim 12, wherein said thiophene-based material coating is an adhesive.

15. (Amended) A xerographic fuser component as claimed in claim 14, wherein said adhesive further comprises polystyrene sulfonic acid.

Please cancel claims 17, 18 and 19.

Please cancel claims 21 -23.

24. (Thrice Amended) A xerographic fuser component comprising:

a) a substrate comprising a fluoropolymer selected from the group consisting of i) copolymers of vinylidene fluoride, hexafluoropropylene and tetrafluoroethylene; ii) terpolymers of vinylidene fluoride, hexafluoropropylene and tetrafluoroethylene; and iii) tetrapolymers of vinylidene fluoride, hexafluoropropylene, tetrafluoroethylene, and a cure site monomer; and thereon

b) a coating consisting essentially of a thiophene-based material; and

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- c) a heating member associated with said fuser component.

25. (Amended) A xerographic fuser component as claimed in claim 24, wherein said thiophene-based material is 3,4 polyethylenedioxythiophene.

26. (Four Times Amended) An image forming apparatus for forming images on a recording medium comprising:

- a charge-retentive surface to receive an electrostatic latent image thereon;
- a biasable component capable of receiving an electrical bias for charging one of a xerographic component or copy substrate surface;
- a development component to apply toner to said charge-retentive surface to develop said electrostatic latent image to form a developed image on said charge retentive surface;
- a transfer component to transfer the developed image from said charge retentive surface to a copy substrate; and
- a fuser component for fusing said developed image to a surface of said copy substrate, wherein said fuser component comprises:
  - a) a substrate comprising a polymer selected from the group consisting of fluoropolymers, chloropolymers, silicone rubbers, polyarylenes, ethylene diene propene monomer, nitrile rubbers and mixtures thereof; and thereon
  - b) a coating consisting essentially of a thiophene-based material.

27. (New) A xerographic fuser component comprising:

- a) a substrate comprising a polymer selected from the group consisting of fluoropolymers, chloropolymers, silicone rubbers, polyarylenes, ethylene diene propene monomer, nitrile rubbers and mixtures thereof, and thereon
- b) a coating consisting essentially of a thiophene-based material; and
- c) a heating member associated with said fuser component.